

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018692.D
 Acq On : 25 Jun 2024 16:46
 Operator : SY/MD
 Sample : P3047-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:38:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

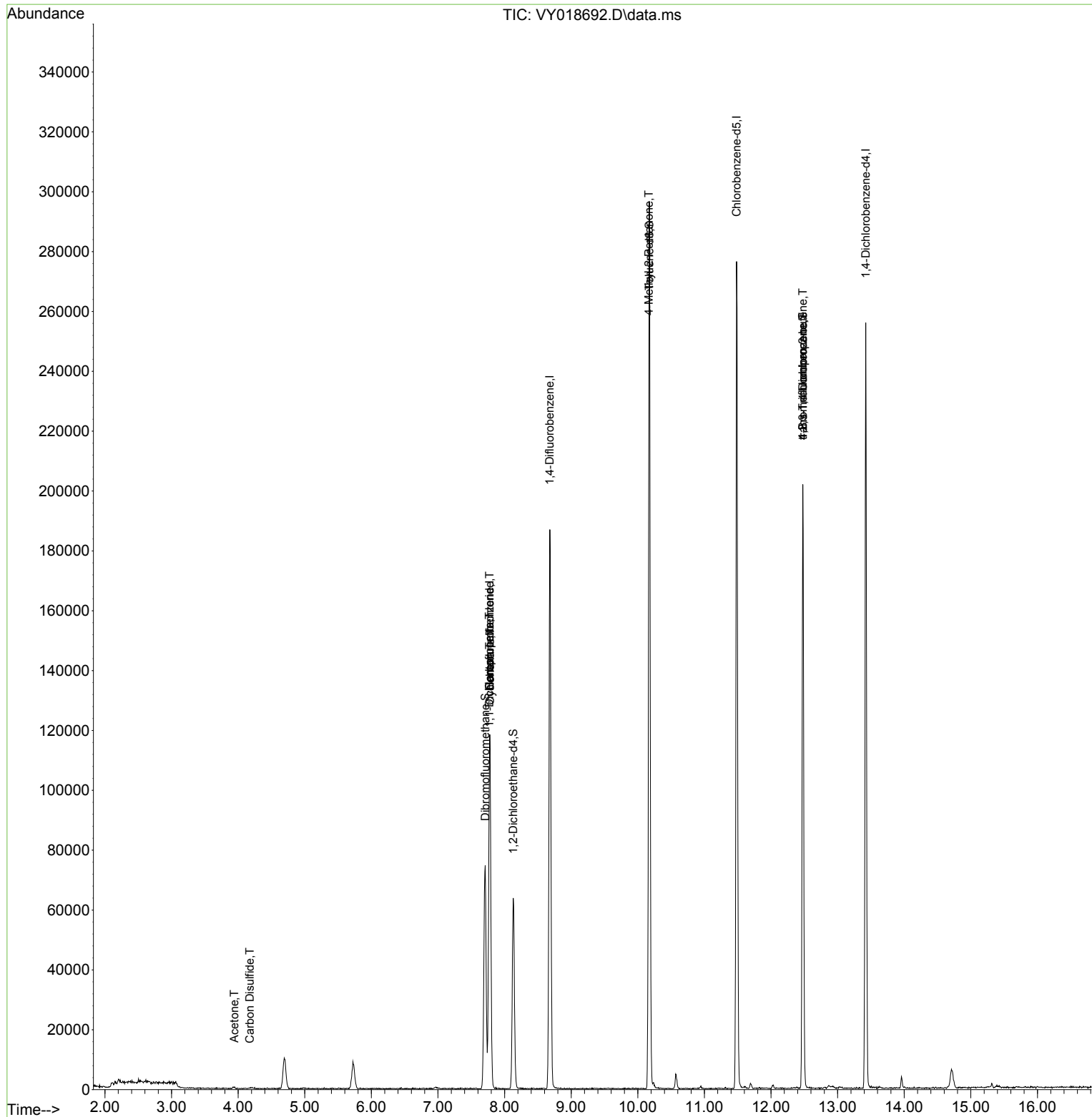
Internal Standards						
1) Pentafluorobenzene	7.777	168	94982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	170195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	156797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48412	50.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.710	113	53732	51.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.173	98	193902	48.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.477	95	58727	46.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	755	3.881	ug/l #	36
17) Carbon Disulfide	4.174	76	23	2.227	ug/l #	76
20) Methylene Chloride	4.692	84	8187	Below Cal		90
31) Cyclohexane	7.783	56	1982	1.353	ug/l #	45
36) 1,1-Dichloropropene	7.771	75	6930	4.849	ug/l #	47
38) Carbon Tetrachloride	7.777	117	9258	6.175	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	814	1.229	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	31800	51.262	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31800	134.276	ug/l #	16

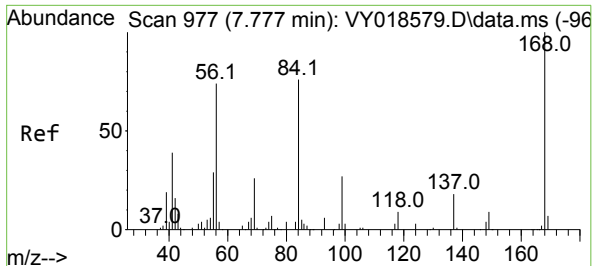
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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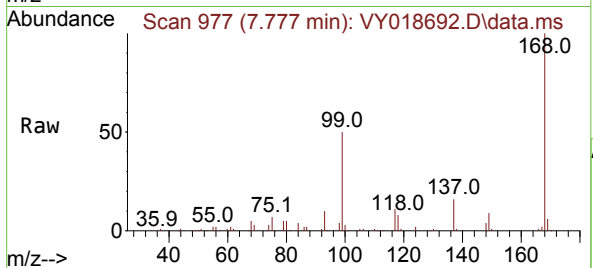
Quant Time: Jun 26 02:38:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



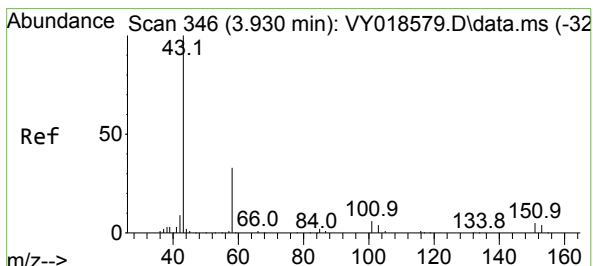
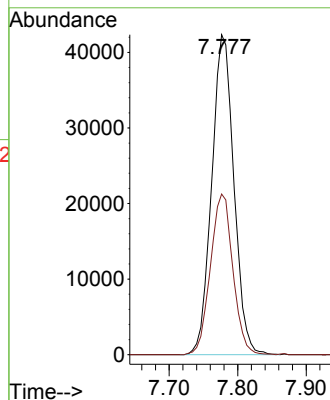
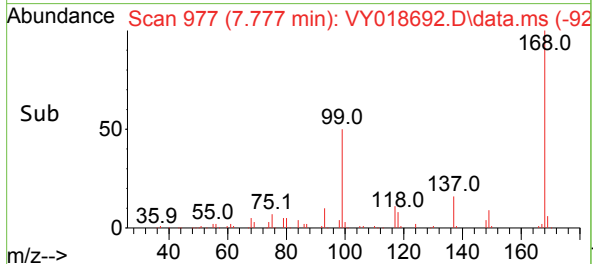


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :

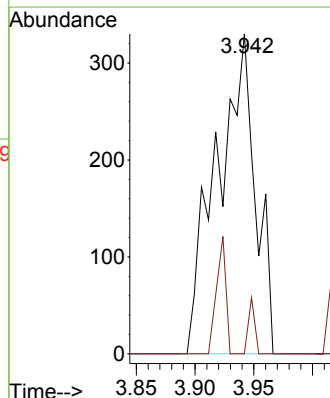
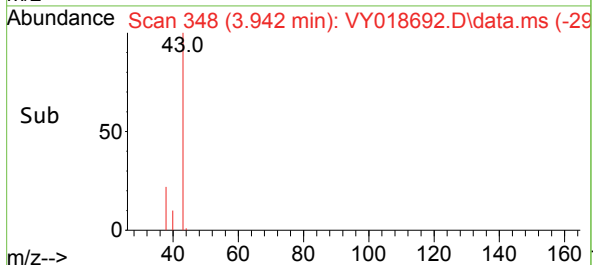
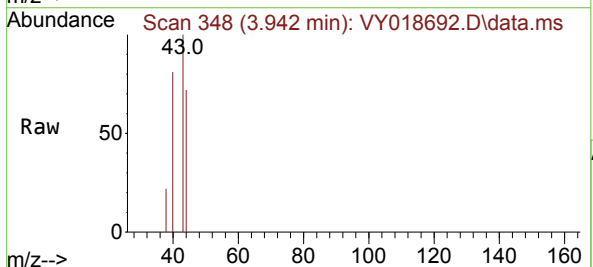


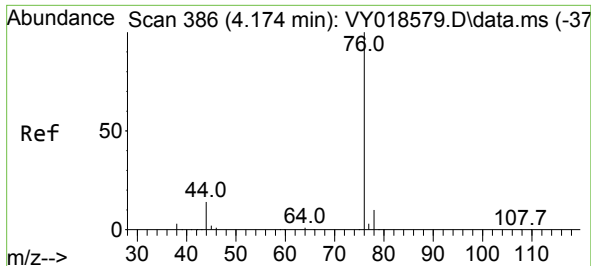
Tgt Ion:168 Resp: 94982
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#16
Acetone
Concen: 3.881 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

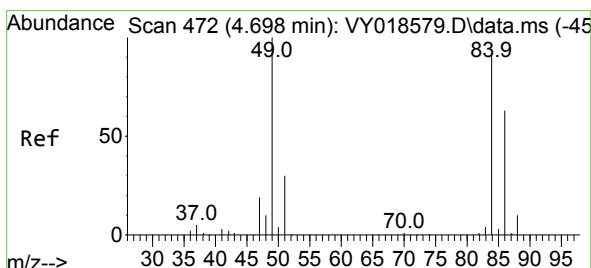
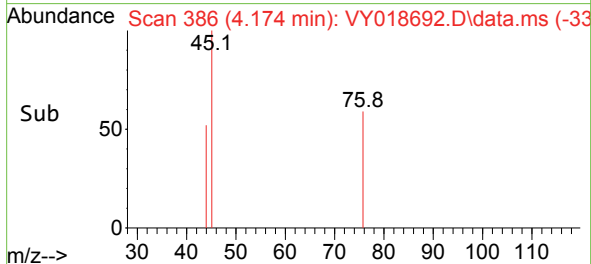
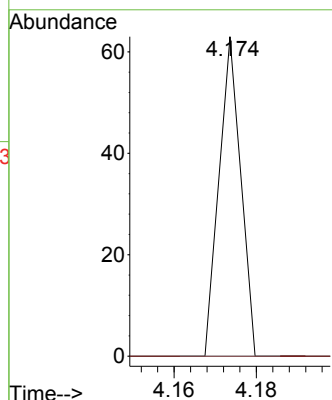
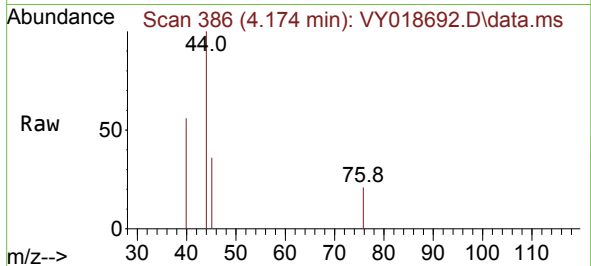




#17
Carbon Disulfide
Concen: 2.227 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

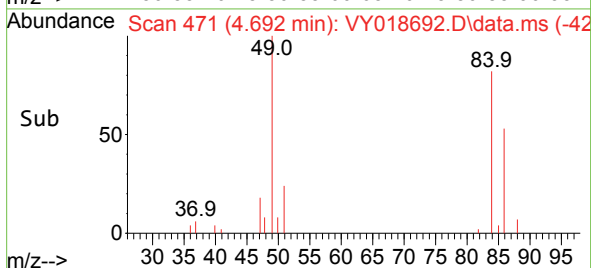
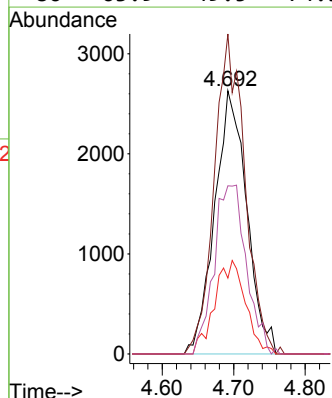
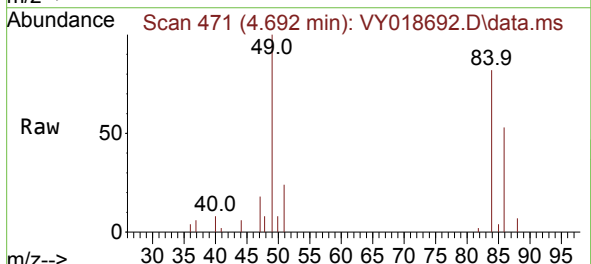
Instrument :
MSVOA_Y
ClientSampleId :

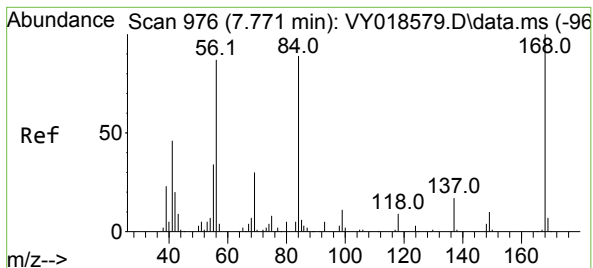
Tgt Ion: 76 Resp: 23
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion: 84 Resp: 8187
Ion Ratio Lower Upper
84 100
49 121.6 84.4 126.6
51 28.8 26.0 39.0
86 63.9 49.5 74.3





#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

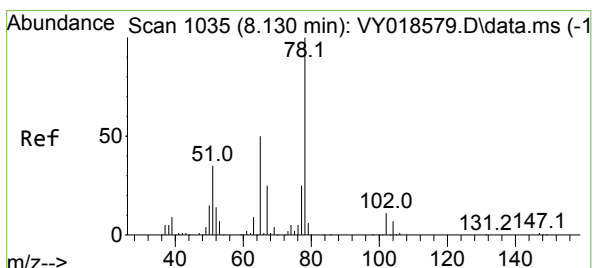
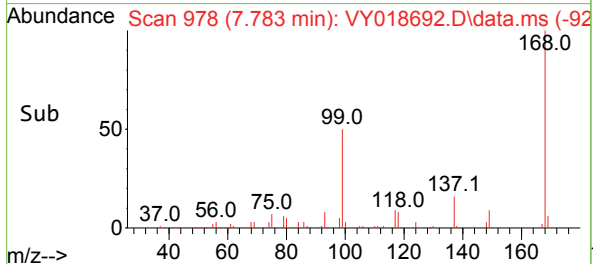
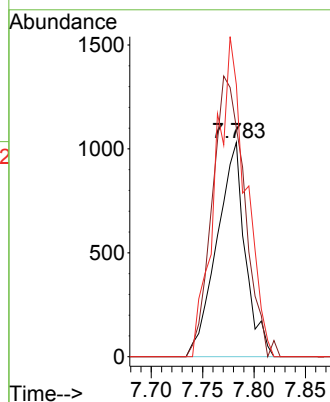
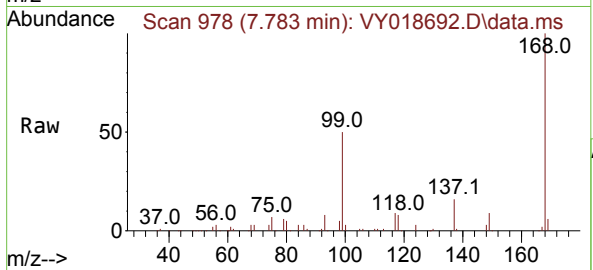
Tgt Ion: 56 Resp: 1982

Ion Ratio Lower Upper

56 100

69 106.8 28.7 43.1#

84 127.0 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018692.D

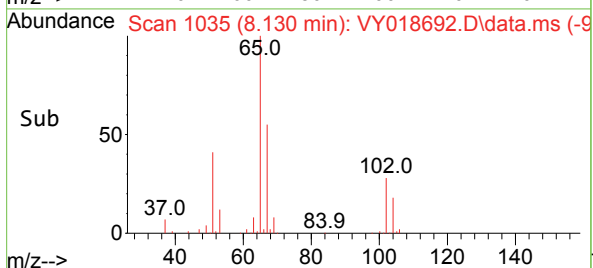
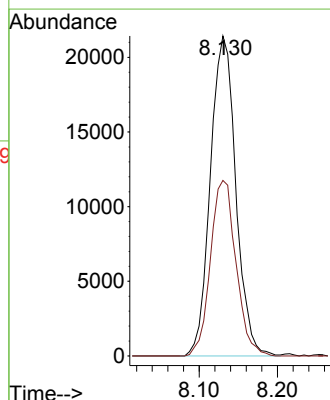
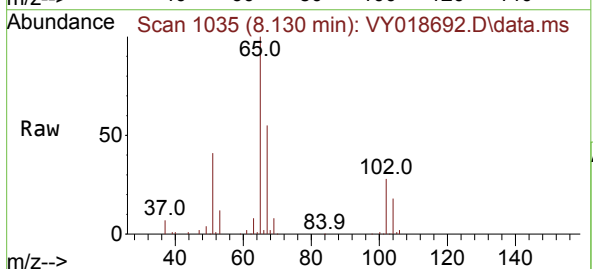
Acq: 25 Jun 2024 16:46

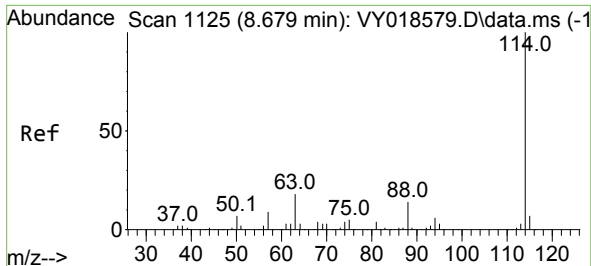
Tgt Ion: 65 Resp: 48412

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6

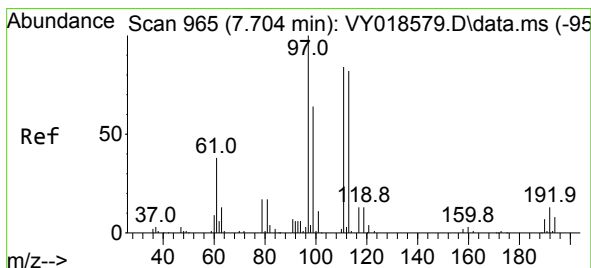
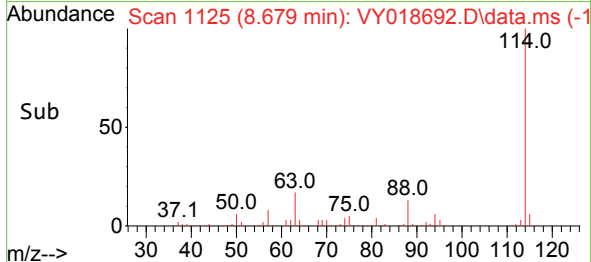
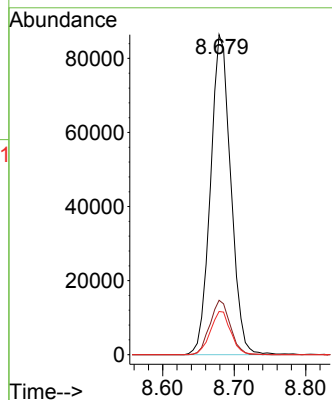
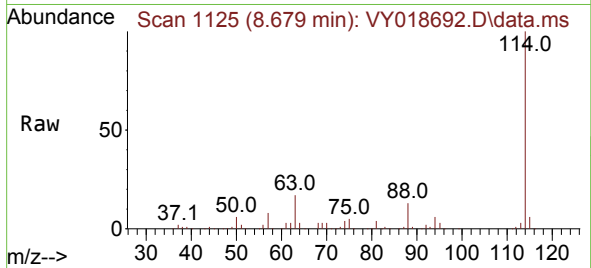




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

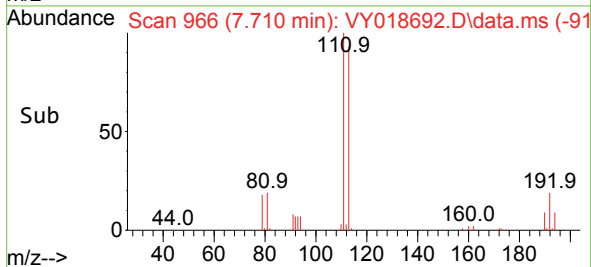
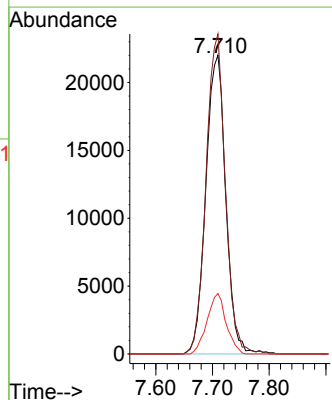
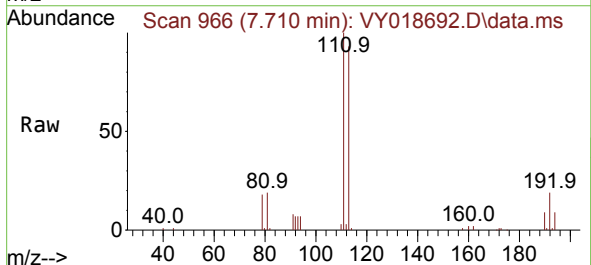
Instrument :
MSVOA_Y
ClientSampleId :

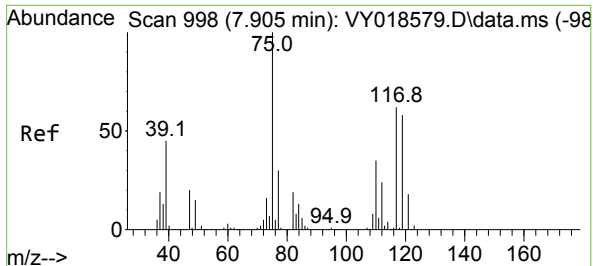
Tgt Ion:114 Resp: 170195
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.754 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion:113 Resp: 53732
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.134 min

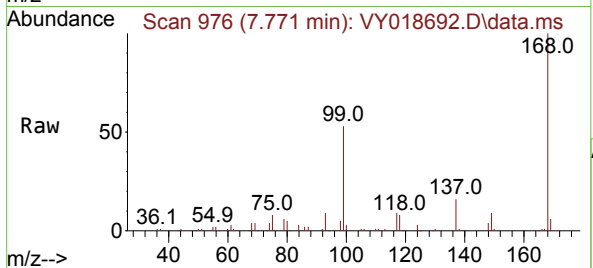
Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

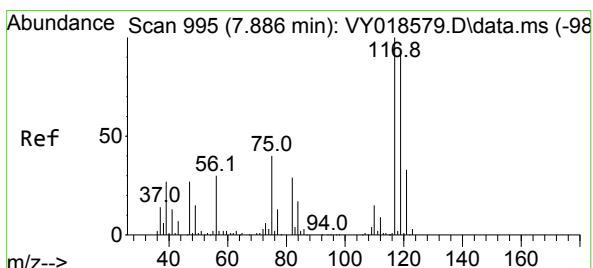
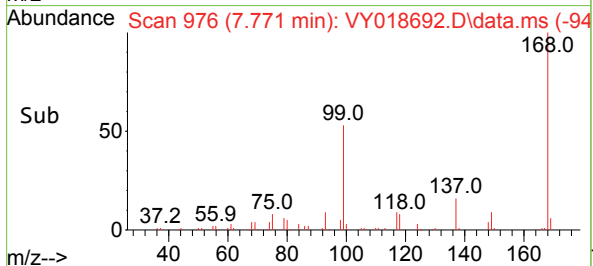
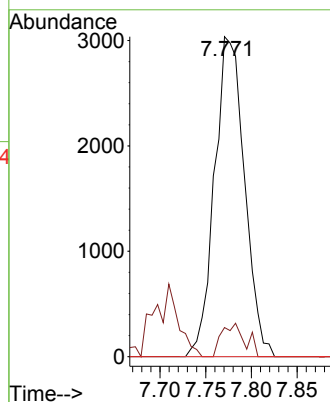
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6930
Ion Ratio	Lower Upper
75	100
110	8.1 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.175 ug/l

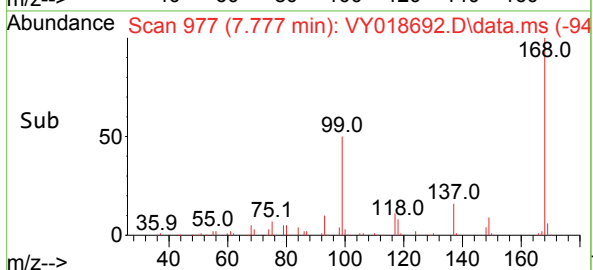
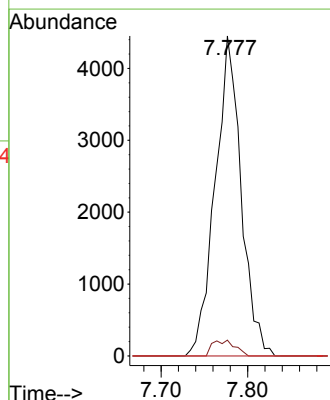
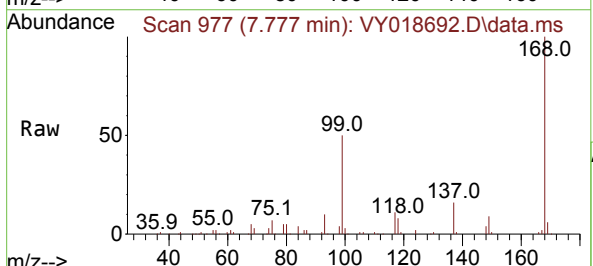
RT: 7.777 min Scan# 977

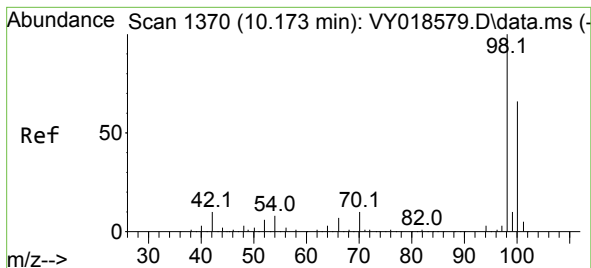
Delta R.T. -0.110 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

Tgt Ion: 117	Resp: 9258
Ion Ratio	Lower Upper
117	100
119	5.0 75.8 113.6#
121	0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.565 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

Instrument :

MSVOA_Y

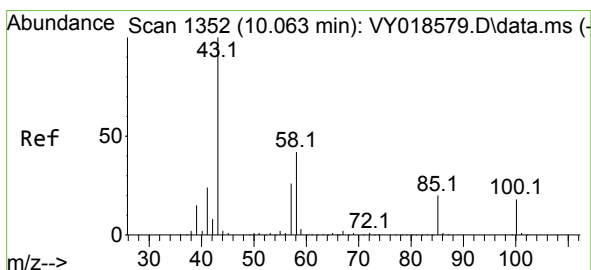
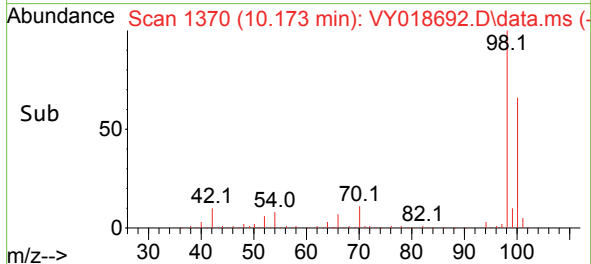
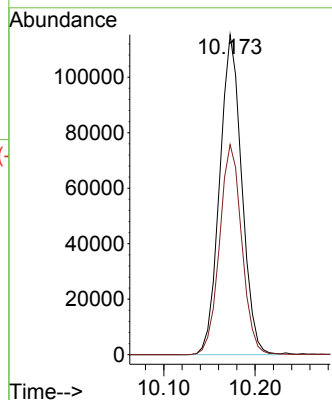
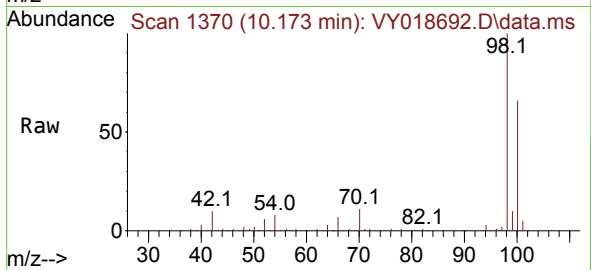
ClientSampleId :

Tgt Ion: 98 Resp: 193902

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.229 ug/l

RT: 10.166 min Scan# 1369

Delta R.T. 0.104 min

Lab File: VY018692.D

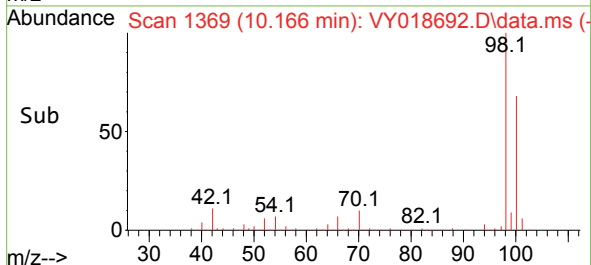
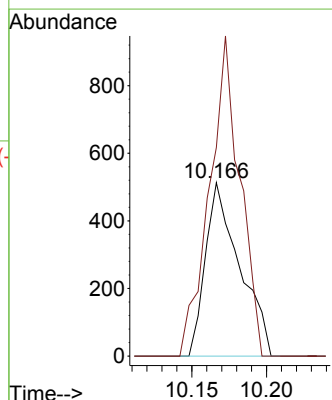
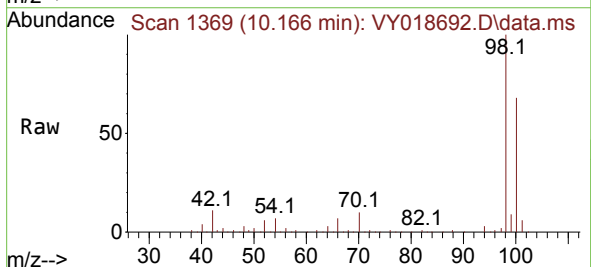
Acq: 25 Jun 2024 16:46

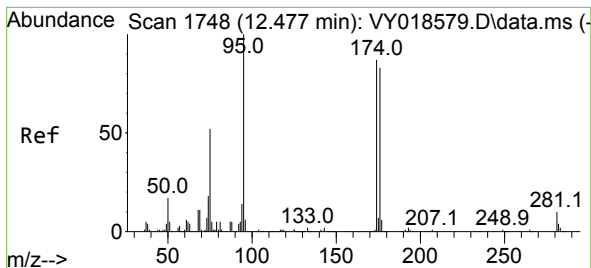
Tgt Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

58 164.6 35.7 53.5#

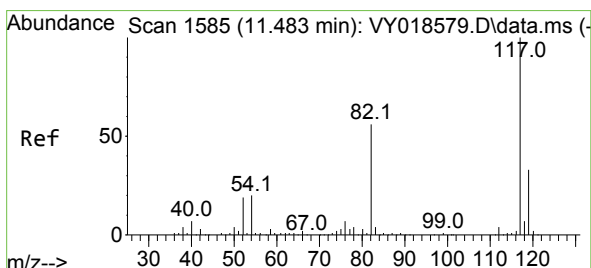
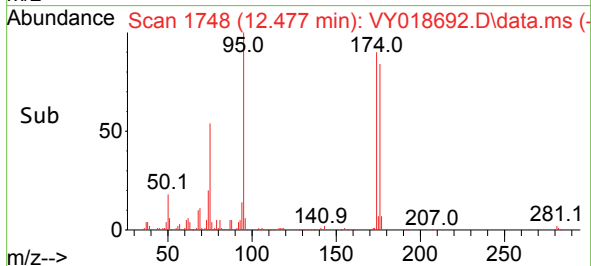
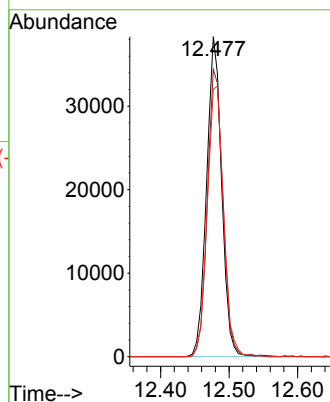
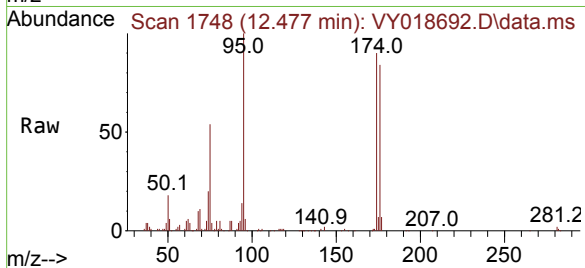




#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

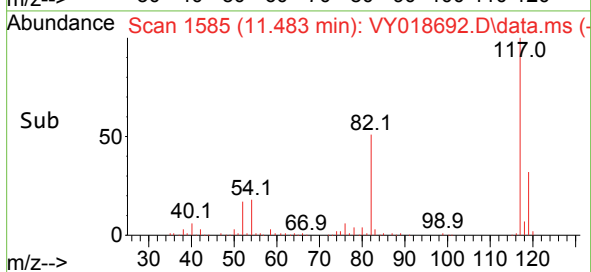
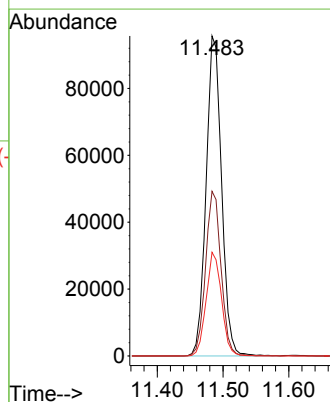
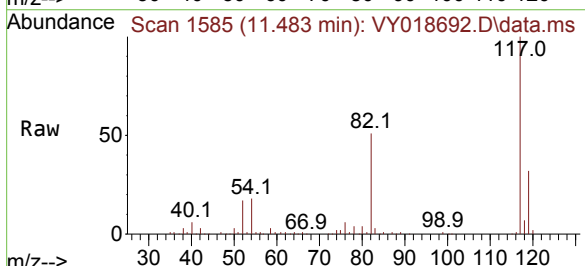
Instrument :
MSVOA_Y
ClientSampleId :

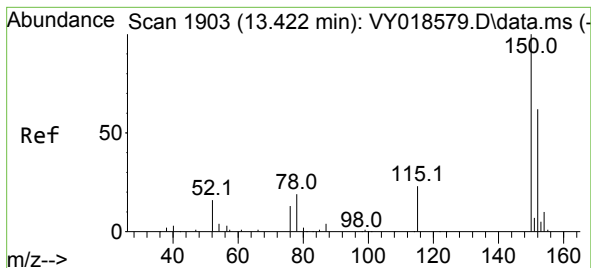
Tgt Ion: 95 Resp: 58727
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 91.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion: 117 Resp: 156797
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

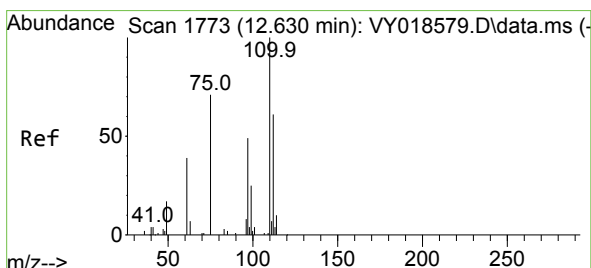
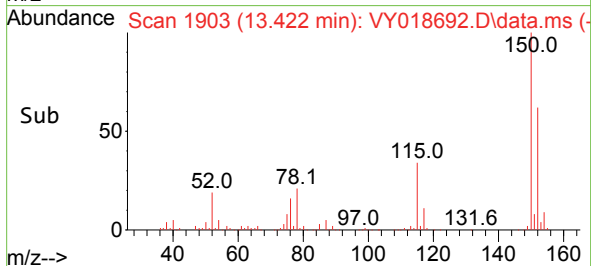
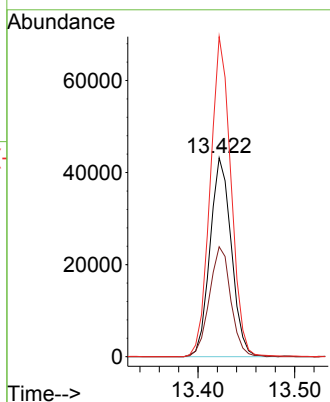
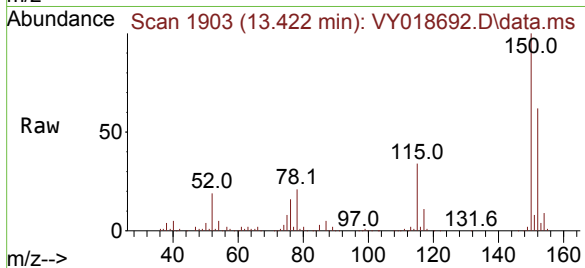
Tgt Ion:152 Resp: 66131

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.262 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018692.D

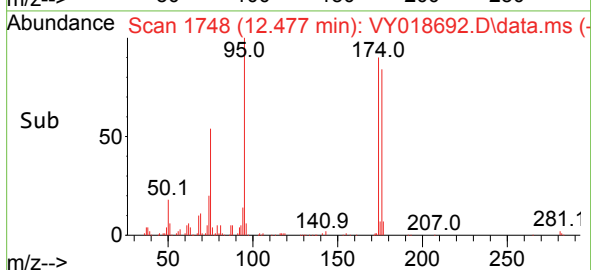
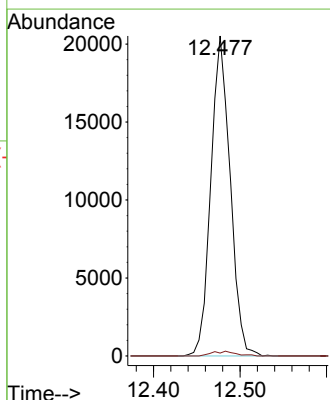
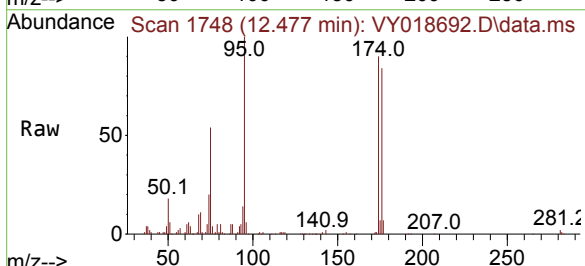
Acq: 25 Jun 2024 16:46

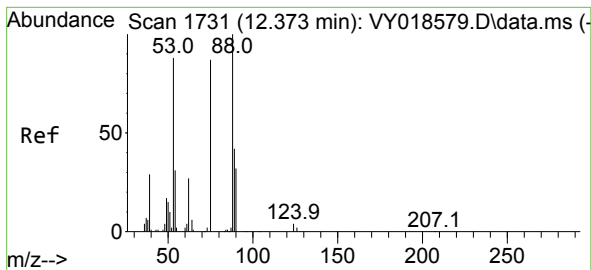
Tgt Ion: 75 Resp: 31800

Ion Ratio Lower Upper

75 100

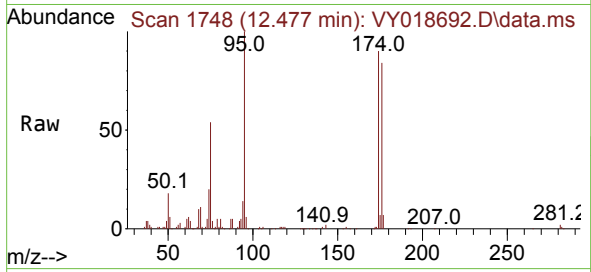
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.276 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018692.D
 Acq: 25 Jun 2024 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

